

*ELTRON CARD PRINTER*

# GUIDE

*FALL 2001*



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# Eltron

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## State of the Art Card Printing

*A Card Printer for Every Application*

### **The World's Most Popular Card Printers**

From low cost monochrome card personalization of pre-printed plastic cards, to high resolution color image quality employee or student ID badges, to point-of-issue production of secure, tamper resistant cards such as driver licenses, Eltron card printers are used by more schools, and institutions than any other card printer brand.

### **Outstanding Price Performance Value**

Eltron card printers feature quiet operation and small footprint designs that occupy minimum space on retail counters, office desk tops, and reception desks. Economical, reliable, and easy to use, our popular card printers are backed by great service and always deliver outstanding performance value to our customers.



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## Simple Set Up and Integration

All Eltron card printers come with simple installation instructions, easy to use *Windows*<sup>®</sup> drivers, and a variety of computer interfaces plus optional in-line magnetic stripe encoders and smart card contact stations.



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## Complete Menu of Printing Supplies

A full line of Eltron card printer *TrueColours*<sup>™</sup> monochrome and color ribbons, clear and hologram varnish overlays, overlaminates, PVC and composite plastic cards and cleaning supplies are available to ensure high quality image output and reliable printer operations.



**You won't find a better combination of cost, quality and service anywhere. Eltron card printers work hard, work quiet, and work smart. Visit [www.eltroncards.com](http://www.eltroncards.com) or call today and find out how they can work for you.**

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## P205 SINGLE SIDED MONOCHROME

The P205 is best suited for applications requiring low volume production of monochrome (black only) plastic cards or personalization of individual pre-printed cards. With the ability to print a card in five seconds, a user can personalize cards on the spot, making the P205 an ideal solution for retail and membership applications.

The P205 is simple and easy to load, with both card input and output located at the front for ready access. The printer features a low maintenance design that includes use of an all-in-one ribbon cartridge that literally makes loading ribbon refills a snap. The printer's small size is especially suited to situations where desk or countertop space is a premium.

Use the P205 card printers for:

- Personalization of pre-printed cards
- Monochrome membership cards
- Durable business cards
- Event passes and tickets

Model P205 Monochrome	
<b>Print Method</b>	Thermal Transfer
<b>Print Speed</b>	5 sec./card
<b>Interface</b>	USB/Parallel or USB/Serial
<b>Memory</b>	2MB Standard
<b>Card Capacity (30 MIL Cards)</b>	<b>Optional Features:</b>
• Input feeder - 50	• Magnetic stripe encoder
• Output Hopper - 20	• Smart card contact station

[www.eltroncards.com/printers/p205.htm](http://www.eltroncards.com/printers/p205.htm)



## P210 SINGLE SIDED COLOR

The P210 is designed for applications where printing of plastic cards in low volume in full color is called for. With the ability to print a card in color in less than thirty seconds, you can issue cards on the spot, making the P210 an ideal solution for creating colorful loyalty, gift or membership cards.

The P210 design features the use of an all-in-one ribbon cartridge and auto-synchronization that literally makes changing or loading ribbons simple, fast and foolproof. The printer's small size and front load card input/output design is especially suited to situations where desk or countertop space is a premium.

Use the P210 card printers to produce:

- Personalized loyalty and membership photo ID cards
- Customized gift cards
- Colorful, durable business cards

<b>Model P210 Color</b>	
<b>Print Method</b>	Thermal Transfer Dye Sublimation
<b>Print Speed</b>	30 sec./card
<b>Interface</b>	USB/Parallel or USB/Serial
<b>Memory</b>	2MB Standard & Flash
<b>Card Capacity (30 MIL Cards)</b>	<b>Optional Features:</b>
• Input feeder - 50	• Magnetic stripe encoder
• Output Hopper - 20	• Smart card contact station

[www.eltroncards.com/printers/p210.htm](http://www.eltroncards.com/printers/p210.htm)



## *P310F SINGLE SIDED MONOCHROME*

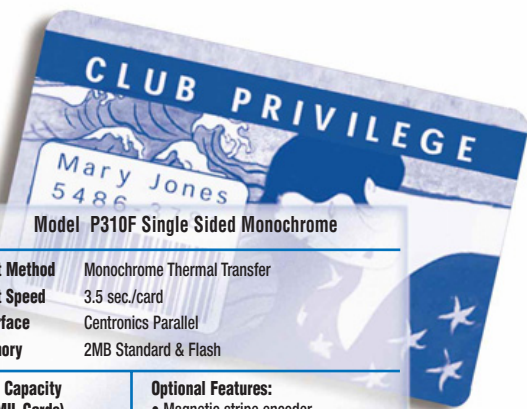
The P310F is ideal for applications requiring production of monochrome plastic cards, or personalizing pre-printed color cards. With the ability to print over 1,000 cards per hour, personalizing plastic cards has never been simpler, faster, or easier.

The P310F is truly user-friendly. It's easy-to-load, with a low maintenance design that makes it simple for anyone to operate. Green, yellow and red LED indicators provide easy to understand printer status.

Its space saving, small footprint design is the perfect choice for desktop and countertop applications.

Use P310F card printers to instantly:

- Print text and bar codes on pre-printed cards
- Personalize customer loyalty cards
- Issue monochrome business cards



**Model P310F Single Sided Monochrome**

<b>Print Method</b>	Monochrome Thermal Transfer
<b>Print Speed</b>	3.5 sec./card
<b>Interface</b>	Centronics Parallel
<b>Memory</b>	2MB Standard & Flash

<b>Card Capacity (30 MIL Cards)</b> <ul style="list-style-type: none"><li>• Input feeder - 75</li><li>• Output Hopper - 75</li></ul>	<b>Optional Features:</b> <ul style="list-style-type: none"><li>• Magnetic stripe encoder</li><li>• Smart card contact station</li><li>• RS232C Serial Port Interface</li><li>• USB Interface</li></ul>
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[www.eltroncards.com/printers/p310F.htm](http://www.eltroncards.com/printers/p310F.htm)



## *P310C SINGLE SIDED COLOR*


The P310C is ideal for applications requiring production of full-color plastic cards. Printing single-sided, high resolution, edge to edge, full color personalized plastic cards has never been faster or easier.

The P310C is truly user-friendly. The high capacity, auto-synchronized ribbon system eliminates the need for operator intervention, and an easy to change, self-cleaning cartridge thoroughly removes dust on cards before printing.

The ruggedized polycarbonate frame combined with 32 bit processor, 2 Mbs of image memory and 512 Kbs of Flash memory make this the most powerful printer in its price range.

Use P310C color card printers to instantly issue:

- Photo identification cards
- Employee badges
- Student ID's



A sample printed card is shown, featuring a photo of Nancy O'Connor, a yellow magnetic stripe, and the name 'Nancy O'Connor'. The card is set against a background of a cruise ship. Below the card is a technical specification table.

Model P310C Single Sided Color	
<b>Print Method</b>	Full color Dye Sublimation
<b>Print Speed</b>	25 sec./card
<b>Interface</b>	Centronics Parallel
<b>Memory</b>	2MB Standard & Flash
<b>Card Capacity (30 MIL Cards)</b>	<b>Optional Features:</b>
• Input feeder - 75	• Magnetic stripe encoder
• Output Hopper - 75	• Smart card encoding contact station
	• RS232C Serial Interface
	• USB Interface



## P420 DUAL SIDED COLOR

The P420's rugged, all metal enclosure houses a low-maintenance print mechanism that includes self-cleaning card handling, high capacity ribbon system, two-line LCD control panel, and convenient card reject hopper. The reject hopper separates cards that fail encoding prior to printing, saving valuable printer ribbon. The enclosure includes a viewing window to monitor the printing process without opening the unit. Transparent input and output hoppers provide visual card capacity status.

The P420 printer ribbon synchronizes automatically, eliminating the need for operator intervention. A self-cleaning cartridge thoroughly removes dust before printing to help eliminate card rejects due to dust contamination.

Use P420 printers to instantly issue:

- Visitor and employee badges
- Student identification
- Season passes

**Model P420 Dual Sided Color**

<b>Print Method</b>	Full color Dye Sublimation
<b>Print Speed</b>	35 sec./card dual sided
<b>Interface</b>	Centronics Parallel
<b>Memory</b>	4MB & Flash

<b>Card Capacity (30 MIL Cards)</b> <ul style="list-style-type: none"><li>• Input feeder - 100</li><li>• Output Hopper - 100</li></ul>	<b>Optional Features:</b> <ul style="list-style-type: none"><li>• Magnetic stripe encoder</li><li>• Smart card encoding contact station</li><li>• RS232C Serial Port Interface</li><li>• USB Interface</li></ul>
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[www.eltroncards.com/printers/p420.htm](http://www.eltroncards.com/printers/p420.htm)





## P520 DUAL SIDED COLOR WITH LAMINATOR

The Eltron P520 is the quietest and most economical card printer with built-in laminating station on the market. It's a fully integrated system that comes complete with Windows® 95/98/2000 and NT drivers. Ideal for applications requiring highly durable and tamper resistant plastic cards.

Print text, photos, bar codes, signature scans, and graphics with 300 dpi resolution, or even encode magnetic stripes or smart cards. Laminates with clear or hologram over-laminate patches that meet ISO standards for card flatness.

Cards printed on the Eltron P520 last up to five years or more and can withstand a variety of stresses, including abrasion, UV light exposure, temperature extremes, water, chemicals, bending and folding.

Use the P520 card printers to instantly issue:

- Drivers licenses
- Access control cards
- Law enforcement badges

**Model P520 Dual Sided Color with Laminator**

<b>Print Method</b>	Full color Dye Sublimation
<b>Print Speed</b>	38 sec./card dual sided (YMCKK)
<b>Interface</b>	Centronics Parallel and USB
<b>Memory</b>	4MB & Flash
<b>Card Capacity (30 MIL Cards)</b>	<b>Optional Features:</b> <ul style="list-style-type: none"> <li>• Magnetic stripe encoder</li> <li>• Smart card contact station</li> </ul>
<ul style="list-style-type: none"> <li>• Input feeder - 100</li> <li>• Output Hopper - 100</li> </ul>	



## ***P720 DUAL SIDED COLOR WITH DUAL LAMINATOR***

For dual sided laminated card applications, the Eltron P720 is the fastest, most economical laminating card printer available. Its unique dual roll laminating system applies near edge linerless laminating patches to both sides of the card simultaneously, in a single pass. This means fast production of highly durable cards protected by laminate patches on both sides. The P720 linerless laminate material is more economical than traditional laminate patches, and because there's no liner/carrrier, the P720 can laminate up to 800 cards without replacing laminate rolls.

Other features include easy load laminate cassettes, an automatic laminate synchronization and detection system, enclosure and card input feeder security locks, bi-directional port monitor, and X Y offset sensor.

Use the P720 card printers to produce highly durable:

- Access Control Cards
- Driver's Licenses
- Government ID Cards

<b>Model P720 Dual Sided Color with Dual Laminator</b>	
<b>Print Method</b>	Full color Dye Sublimation
<b>Print Speed</b>	30 sec/card dual sided
<b>Interface</b>	Centronics Parallel, and USB
<b>Memory</b>	4MB & Flash
<b>Card Capacity (30 MIL Cards)</b>	<b>Optional Features:</b>
<ul style="list-style-type: none"> <li>• Input feeder - 200</li> <li>• Output Hopper - 100</li> </ul>	<ul style="list-style-type: none"> <li>• Magnetic stripe encoder</li> </ul>

[www.eltroncards.com/printers/p720.htm](http://www.eltroncards.com/printers/p720.htm)